Scalar data types

Data types

Integer

Size	Signed	Unsigned
8 bit	i8	u8
16 bit	i16	u16
32 bit	**i32**	u32
64 bit	i64	u64
128 bit	i128	u128
arch	isize	usize

Data types

Float

Size	Float
32 bit	f32
64 bit	**f64**

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Size	Float
32 bit	f32
64 bit	**f64**

Type casting

```
let pi: f32 = 4;                    // mismatched types error
```

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32 bit	f32
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```
let pi: f32 = 4;                    // mismatched types error
```

Number separator

```
let million = 1_000_000;
```

```
let random = 3_836.45_346_546;
```

Data types

Boolean

```
let is_day = true;
```

```
let is_night = false;
```

Data types

Boolean

```
let is_day = true;
```

```
let is_night = false;
```

Character

```
let char1 = ‘A’;
```

```
let smiley_face = ‘\u{1F601}’;                    // 😁
```